

BOBRACKOV, B.P.; MORDKOVICH, M.S.; SILICH, A.A.; TSVETKOVA, I.M.

Use of pectolytic fermentation preparations in the production of
apple juice. Trudy MNIIIPP 3:67-73 '63.

(MIRA 18:1)

YEMEL'YANOVA, M.M.; MORDKOVICH, K.S.; UNKUTSA, M.G.

Development of new types of canned sweet corn products. Truly
(MIRA 13.1)
MNIIIPP 3:103-107 '63.

BOBRAKOV, B.P.; MORDKOVICH, M.S.; SILICH, A.A.; TSVETKOVA, L.M.

Use of ferment preparations in the production of apple juice.
Kons.i ov.prom. 18 no.2:6-8 F '63. (MIRA 16:2)

1. Moldavskiy nauchno-issledovatel'skiy institut pishchevoy
promyshlennosti.
(Apple juice)

BOBRAKOV, B.P.; MORDKOVICH, M.S.

Improved technology for the production of unclarified apple juice.
Trudy MNIIFF 3:45-55 '63. (MIRA 1811)

MORDKOVICH, M.S.; RIKHTER, A.G.

Establishing the norms of raw material expenditure in drying prunes.
Kons. i ov.prom. 18 no.9:9-12 g '63. (MIRA 16:9)

1. Moldavskiy nauchno-issledovatel'skiy institut pishchevoy
promyshlennosti.

(Prunes--Drying)

MORDKOVICH, M.S.; SIKOTA, M.A.; RIKHTER, A.G.; GOLDENBERG, G.G.;
KARLINA, N.I.

Optimum conditions for the preservation of green peas in refrigeration chambers till their processing in plants. Kons. i ov.prom.
18 no.10:10-12 O '63.
(MIRA 16:11)

1. Moldavskiy nauchno-issledovatel'skiy institut pishchevoy promyshlennosti.

MORDKOVICH, M.S.; RAIK, S.Ya.; ARASIMOVICH, V.V.

Losses of pectin substances in the production of tomato paste.
Kons. i ov. prom. 18 no.11:19-21 N '63. (MIRA 16:12)

1. Moldavskiy nauchno-issledovatel'skiy institut pishchevoy
promyshlennosti (for Mordkovich). 2. Institut fiziologii i
biokhimii rasteniy AN Moldavskoy SSR (for Raik, Arasimovich).

12 TDA NR: AP5019507

UR/0330/SC/007/007/0018/0019 14

66. d. 33e. 3 12

Chubrakov, B.P. (Senior research associate); Karginov, N.N. (Senior laboratory
assistant); Mordovichenko, M.S. (Senior research associate); Srapo, P.I. (Senior
research associate) B

133: Pasteurization conditions for aseptic canning of juices in large tanks

134: Konservnaya i otschchesushchnaya promstremenost', no. 7, 1965, 16-19

135 TAGS: apple juice canning, grape juice canning, aseptic canning, pasteurisation

136 DT: In 1963-1964, the Moldavskiy nauchno-issledovatel'skiy institut pishchevyyj
tekhnosti (Moldavian Scientific Research Institute of the Food Industry)
conducted laboratory and production-scale tests for the purpose of developing a
practical process for aseptic canning of juices at a plant in large station-
ary tanks. The canning of apple juice was conducted in a flow which
is possible to store the juice for a long time even when the bacterial popu-
lation levels of the original fruit is very low. In the report, a diagram of the
unit used in the study is given, as well as a table of parameters to estimate the
unit air, deaerate it by means of a vacuum, heat and cover the juice to various
temperatures while changing the duration of the thermal treatment over a wide range,
heat the assembly and tanks with steam, fill the tanks with carbon dioxide,
use the air filter with sulfur dioxide, and fill the tanks with juice under
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L 62265-65

ACCESSION NR: AP5019507

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coptic conditions for an extended storage. The optimum conditions insuring the stability of the juice consisted in heating to 92°C for 62 sec and cooling to 25 - 26°C for 60 sec. Data are given on an experimental industrial assembly with a capacity of 3 -- 3.5 t/hr, constructed at plant No. 2 of the Kishinev konservnyy zavod (Kishinev Canning Combine). After six months storage, no organoleptic, chemical, or microbiological changes were found in the juice. Orig. art has 8 figure and 1 table.

ASSOCIATION: Moldavskiy nauchno-issledovatel'skiy institut pishchevoy promyshlennosti
(Moldavian Scientific Research Institute of the Food Industry)

SUBMITTED: 00

ENCL: 00

44

SUB CODE: 00,15

NO REF BOV: 000

OTHER: 000

Carol 2/1

MORDKOVICH, M.S.; RIKHTER, A.G.

Fermentation activity of Moldavia grape varieties.
Trudy MVIIPP 5:71-74 '64.

(MIRA 1961)

MORDKOVICH, V.G.

Population of beetles (Coleoptera, Cerambycidae, Dytiscidae, Tenebrionidae) inhabiting the surface soil and litter in the micro-landscapes of the northern Bureba Forest Steppe and its change under the influence of the economic activity of man. Zool. zhurn. 43 no. 5:680-695 '64
(MIRA 1967)

1. Zoologicheskij zhurnal 43(5):680-695, 1964. (Bureba Forest Steppe, Russia).

94300(1043,1143,1161)

26.2421

AUTHORS:

Iglitsyn, M. I. and Mordkovich, V. N.

TITLE:

Effect of copper on recombination processes in thermally
treated silicon

PERIODICAL: Fizika tverdogo tela, v. 3, no. 5, 1961, 979-980

TEXT: It is well known that the minority-carrier lifetime of silicon is largely reduced by high-temperature treatment. A study has now been made of the reduction of the lifetime in n-type and p-type silicon specimens, by heat treatment at 800°C (30 min) and subsequent rapid cooling (80 deg/min). The characteristics of the specimens (size: 15 x 4 x 4 mm) and the results of the decrease in lifetime are illustrated in a table. It is assumed that dislocations are produced by the impurities during the heat treatment and the subsequent rapid cooling. The decrease in lifetime of the minority carriers observed in this process is explained as follows: 1) The impurities now separated from the dislocations act as recombination centers; 2) dislocations completely or partly separated from impurities take part in the recombination processes. This hypothesis was verified by heating some

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MORDKOVICH, V.N.

Effect of oxygen on the electric properties of n-type silicon.
Fiz.tver.tela 4 no.12:3640-3643 D '62. (MIRA 15:12)
(Silicon--Electric properties) (Oxygen)

L 13021-63 EWP(q)/EWT(m)/BDS AFFTC/ASD JD

ACCESSION NR: AP3000637 3/0181/63/005/005/1485/1486

AUTHOR: Nordkovich, V. N.; Gartseva, L. Ya.

TITLE: Effect of oxygen on recombination in heat-treated silicon

SOURCE: Fizika tverdogo tela, v. 5, no. 5, 1963, 1405-1406

TOPIC TAGS: recombination, heat treatment, Si, Cu, O, dislocation, electron conduction

ABSTRACT: This study was made because of the known fact that dislocations in silicon are surrounded by admixtures of oxygen derived from the quartz crucible; the investigation was made on bars of silicon grown at different rates of rotation, other conditions being equal, during extraction. The bars thus contain different amounts of oxygen. It was found that an increase in the rotation rate is actually accompanied by an increase in content of optically active oxygen in the silicon. Samples were heated in oxygen for 20 minutes at 700°C and were then quickly cooled (on the order of 150 degrees per minute). This treatment led to a decrease in life-time of charge carriers from values on the order of 60-90 microseconds to 10-20 microseconds. The surfaces of these samples were then coated with copper and again heated at 700°C. The results show that diffusion of copper affects the

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ACCESSION NR: AF3000637

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Lifetime of charge carriers in silicon. The lifetime is greatly extended by previous heat treatment with copper. The authors conclude that the rate of decrease in recombination activity of dislocations resulting from copper diffusion through dislocations in silicon is higher the greater the concentration of oxygen fixed at the dislocations during growth of single crystals. Orig. art. has: 1 figure

ASSOCIATION: none

SUBMITTED: 24 Dec 62

DATE ACQ: 11 Jun 63

ENCL: 00

SUB CODE: 00

NO REF Sov: 002

OTHER: 001

Card 2/2

ACCESSION NR: AP4019848

S/0181/64/006/003/0847/0851

AUTHOR: Mordkovich, V. N.

TITLE: Effect of oxygen on silicon conductivity

SOURCE: Fizika tverdogo tela, v. 6, no. 3, 1964, 847-851

TOPIC TAGS: electrical conductivity, silicon, reaction constant, thermal donor, activation center, energy level

ABSTRACT: The effect of thermal treatment at 430C on the electrical conductivity and fundamental charge carrier concentration in silicon with a resistivity of the order of 20 ohm-cm has been studied. Using the kinetic model

$$\frac{dN_D}{dt} = \alpha N_0 - \beta N_D$$

where N_D = donor concentration; N_0 = oxygen concentration. The two reaction constants α and β are determined experimentally at 430C, and the theoretical thermal donor concentration is calculated as a function of heating-time duration. Comparing these with the experimental data, agreement is found to be good for

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ACCESSION NR: AP4019848

heating times $t \geq 4$ hours but increasingly poor for lower time scales. Further results show a start in activation centers N_2 at temperatures above 140K, whereas the activation centers N_3 are completely ionized at liquid nitrogen temperatures. The author shows the existence of three donor (activation) centers (N_1, N_2, N_3) connected with the presence of oxygen in silicon single crystals, whose concentration depends on the length of low temperature heat treatment. N_2 and N_3 correspond to an energy level of approximately 0.16 ± 0.03 ev and N_1 to 0.35 ev. "The author is grateful to R. A. Suris, O. Ya. Risink, N. S. Tikhonov and G. P. Kekalidze for their assistance." Orig. art. has: 6 formulas and 6 figures.

ASSOCIATION: none

SUBMITTED: 28Sep63

DATE ACQ: 31Mar64

ENCL: 00

SUB CODE: PH

NO REF SQV: 002

OTHER: 008

Card 2/2

ACCESSION NR: AP4041726

S/0181/64/006/007/2176/2178

AUTHOR: Mordkovich, V. N.

TITLE: Effect of oxygen on recombination in silicon

SOURCE: Fizika tverdogo tela, v. 6, no. 7, 1964, 2176-2178

TOPIC TAGS: silicon, oxygen, recombination, photoconductivity, photoconductive decay

ABSTRACT: The author has shown in an earlier investigation (FTT v. 6, 847, 1964) that heating of silicon crystals produces in the forbidden band of silicon levels that are connected with formation of oxygen-silicon complexes. The present investigation has shown that the deep levels that are produced thereby make a considerable contribution to recombination. The lifetime was determined over a wide temperature range by the photoconductivity quenching and stationary photoconductivity methods. The initial silicon was of the p-type

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ACCESSION NR: AP4041726

with resistivity ~20 ohm-cm and oxygen concentration $(5--6) \times 10^7 \text{ cm}^{-3}$. Comparison with the earlier results indicates a correlation between the recombination processes and the acceptor center $E_p + 0.35 \text{ eV}$, the existence of which is due to the presence of oxygen in the silicon. These results, together with those obtained by the author in a third investigation (FTT v. 4, 3640, 1962) confirms the strong influence of the oxygen-silicon complexes on the recombination, and refutes the assumption made by other investigators that the presence of oxygen has only an indirect effect on the lifetime. Orig. art. has 2 figures.

ASSOCIATION: None

SUBMITTED: 20Jan64

SUB CODE: 88

NR REF Sov: 003

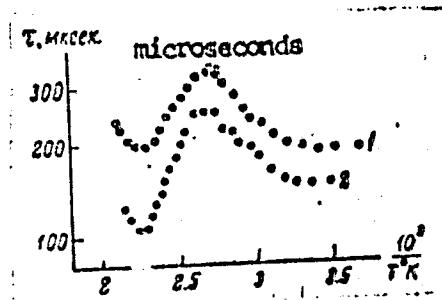
ENCL: 02

OTHER: 004

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ACCESSION NR: AP4041726

ENCLOSURE: 01



Temperature dependence of lifetime
in p-type silicon

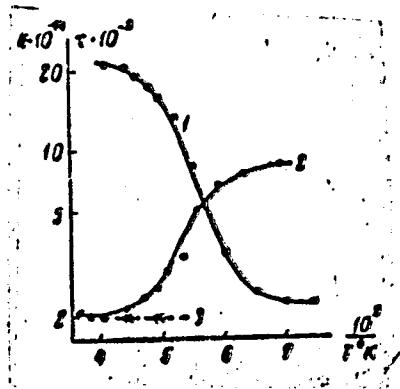
1 - initial sample

2 - after heating (430C at 5 minutes)

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ACCESSION NR: AP4041726

ENCLOSURE: 02



Temperature dependence of carrier density (1), lifetime with added illumination (3), and lifetime without added illumination (2)

Card 4/4

MORDKOVICH, Ya.

At the exhibition in Sokol'niky. Zashch. rast. ot vred. i bol.
10 no.12:55-56 '65. (MIRA 19:1)

DROZDOVSKIY, E.M.; MORDKOVICH, Ya.B.

Information and brief news. Zashch. rast. ot vred. i bol. 8 no. 118
59-60 N '63. (MIRA 1763)

1. Institut sadovodstva, Biryulevo, Moskovskoy obl. (for Drozdovskiy).

MORDKOVSKAYA, N.M.

Pseudoperitonitis in diabetic coma in children. Pediatrica no.10:
1965 '61.
(MIRA 14:9)

I. Iz rayonnogo endokrinologicheskogo kabineta pri bol'nicay
No.20 Novosibirска (glavnyy vrach A.I. Ivanova).
(DIABETES) (PERITONITIS) (COMA)

FAYN, A.I.; Prinimal uchastije MORLOCHKIN, Ye.A., inzh.

Selecting conditions for operating a sand slinger in running
molds and cores of large ingot molds. Lit. proizv. no.14-6
Ja '65. (MFA 18:3)

ATANASOVA, D.; MORDOHAJ, M.; MOTOV, At.; OVAGIMOV, O.; SHISHKOV, V.; STANCHEV, V.; CANEV, K.; BOTEVA, Z., dr.

Observations on agricultural workers using organic phosphoric compounds. Folia med. (Plovdiv) 7 no.1:39-43 '65

1. Higher Medical Institute "I.P.Pavlov" in Plovdiv, Bulgaria, Chair of Faculty Therapy (Chief: prof. B. Jurukov); Health and Anti-Epidemic Station in Plovdiv (Chief Physician: Mr. Hristov); and Health Centre, Railway Station, Kricim (Chief Physician: Z. Boteva).

MORDOKHAI, M.

RASHIV, M., prof., asistent; TSONEV, K., d-r, asistent; MORDOKHAI, M.,
d-r, asistent; IVANCHEV, Ios., d-r, asistent.

Statistical considerations on cardiac defects. Izv. med. inst.,
Sofia Vol. 9-10:219-232 1954.

I. Vutreshna Klinika pri Meditsinska Akademija I.P. Pavlov, Plovdiv
Zav. Katedrata: prof. d-r M. Rachev.
(HEART DISEASE, statistics,
Bulgaria)

BULGARIA/General Problems of Pathology - Tumors. Comparison
Oncology. Human Neoplasia.

U

Abs Jour : Ref Zhur Biol., No 1, 1959, 4269
Author : Rashev, M., Mordokhay, M.
Inst : Medical Institute, Bulgarian Academy of Sciences
Title : Lymphomonocytic Leukemia
Orig Pub : Izv. med. in-ti B"lg. AN., 1956, 13, 115-127

Abstract : 4 cases of acute leukemia with a course characterized by a large number of monocyteid cells, monocytes, lymphoid cells and lymphocytes in the peripheral blood and in the punctates of the bone marrow, with a very low number of granulocytes were described in detail. The disease differed from acute histomonocytic reticulosis by predominance in the blood of mature elements and also by a less acute onset and course. All the patients

Card 1/2

MORDOKHAI, M.; ATANASOVA, D.

Case of free movable thrombus in the left auricle in mitral disease. Suvrem. med., Sofim 8 no.2:109-111 1957.

1. Iz Katedrata po fakultetska terapiia pri VMI I. P. Pavlov -
Plovdiv (zav. katedrata: prof. M. Rashov)
(MITRAL STENOSIS, complications,
intraventric. thrombus (Bul))
(HEART DISEASE, complications,
intraventric. thrombus in mitral stenosis (Bul))
(THROMBOSIS, case reports,
intraventric. thrombus in mitral stenosis (Bul))

MORDOKHAI, M.; ATANASOVA, D.; STANCHOV, Iv.

Considerations on poisoning with preparation E-605 forte (parathion) with report of two cases. Suvrem. med., Sofia 8 no.5:74-79 1957.

I. In Katedrata po vutreshni bolesti na VMI I. P. Pavlov -- Plovdiv (Zav. katedrata: prof. M. Bashev) i Gradskata sanepidstantsia--gr. Plovdiv (Gl. lekar: Iv. Arabadzhiiiski)
(PARATHION, poisoning,
case reports (Bul))

KUZNETSOVA, N.V.; MORDOKHOVICH, L.G.; MUHSIN-ZALF, N.Kh.

Characteristics of the composition of milk and national sour milk products prepared in Tajikistan (dzhurgot, dukh, chakka, kurut).
Zdrav.Tadzh. 9 no.3:44-47 My-Je '62.
(MRA 15:8)

1. Iz Instituta krayevoy meditsiny AN Tadzhikskoy SSR, kafedry gigiyeny Tadzhikskogo meditsinskogo instituta imeni Abuali ibni Sino i peshchevoy laboratorii Dushanbinskoy gorodskoy sanitarno-epidemiologicheskoy stantsii.

(TAJIKISTAN--DAIRY PRODUCTS--ANALYSIS AND EXAMINATION)

MAROVCHENKO, I.P., LOSIKAREV, M.A.

Dependence of the inhibition effect of the electrode process on the surface concentration of the inhibitor on the electrode. Elektrokhimiia 1 no.1:94-100 Ja '65.
(MIRA 18:5)

I. Dnepropetrovskiy khimiko-tehnicheskiy institut im. F.E.
Dzerzhinskogo.

ACC NR: A17006062

SOURCE CODE: UR/0000/65/000/000/0131/0138

AUTHOR: Svinarev, G. A.; Mordovenko, L. P.

ORG: Khar'kov Affiliate, Institute of Mechanics, AN UkrSSR (Khar'kovskiy filial
Instituta mekhaniki AN UkrSSR)

TITLE: Improvement of cavitation qualities of low pressure variable-pitch axial
turbine wheels for capsule horizontal turbines

SOURCE: AN UkrSSR. Issledovaniya po prikladnoy gidronamike, 1965, 131-138

TOPIC TAGS: cavitation, turbine, turbine blade / PLG-16 turbine blade

ABSTRACT: For low pressure heads, horizontal capsule turbines have been found to
have better overload capacities than normal, vertical units. In this work, a
further investigation is reported which developed a new type of variable pitch
turbine blade wheel, the PLG-16, for horizontal capsule turbines, which is better
in its power and cavitation properties than earlier models. Orig. art. has:
5 figures. [JPRS: 35,995]

SUB CODE: 20

Card 1/1

09270881

ORLOV, M.V.; MORDOVENKO, P.A.

Pressure tarring of ropes. Tekst.prom. 20 no.8:61-63 45 '60.
(KIRA 13:9)

1. Machal'nik parosilovogo knoryaystva Khar'kovskogo kanatnogo
zavoda (for Orlov). 2. Machal'nik kanatno-voloknistogo proizvodstva
Khar'kovskogo kanatnogo zavoda (for Mordovenko).
(Rope) (Tar)

MORDOVETS, A.A.

Fragile grass (*Canaria Delagoae* (L.) Desv.) as a dangerous field
weed in arid steppes. Bot. Bull. 49 no. 7:1057-1060 JI '64
(MIRA 17:8)

1. Gudzhenkaya optychnaya stantsiya Vsesoyuznogo instituta
lekoruzy, Kharanskaya oblast'.

MAKODZEB, I.A., kand. sel'skokhoz. nauk; MORDOVETS, A.A.; SULIMA, A.G., kand.
sel'skokhoz. nauk

Hoary cress and its control. Zamledenie 26 no.12:42-43 D '64.

(MIRA 18:4)

1. Vsesoyuznyy nauchno-issledovatel'skiy institut kukuruzы (for
Makodzeba). 2. Genicheskaya optynsaya stantsiya Vsesoyuznogo nauchno-
issledovatel'skogo instituta kukuruzы (for Mordovets, Sulima).

ALEKSEYEV, F.K., gornyy inzh.; MORDOVETS, N.S., gornyy inzh.; MALYY, I.S.

Conducting boring and blasting operations with paired benches
at the open pit mine of the Ingulets Mining and Ore Dressing
Combine. Vzryv. delo no.54/11:246-253 '64. (MIRA 1":9)

1. Inguletskiy gornoobogatitel'nyy kombinat.

ALEXSEYEV, I.K., kand. tekhn. inzh; MULY, I.I., gornyy inzh.; MOROKOV, N.I., gornyy inzh.

Blasting in a compressed medium at the strip mine of the Ingulets mining and ore dressing combine. Gor. zhur. no.11: 25-29 N '63. (MIR 17:6)

1. Inguletskiy gornoobogatitel'nyy kombinat, Frivoy Reg.

ALEKSEYEV, F. K., kand. tekhn. nauk; MALYY, I. S., gornyy inzh.;
MORDOVETS, N. S., gornyy inzh.

New method of digging ditches in inundated rocks. Gor. zhur.
no. 10:74 O '62. (MIRA 15:10)

I. Inguletskiy gorno-obogatitel'nyy kombinat.

(Krivoy Rog Basin—Ditches)

ALEKSEYEV, F.K., kand. tekhn. nauk; MORDOVETS, N.S., inzh.;
MALYY, I.S., inzh.

Improving the technology of mining operations at the
Ingulats Mining and Ore Dressing Combine. Met. i gornorud.
prom. no.5:48-52 S-O '63. (MIRA 16:11)

REF ID: A62314
PWT(1)
ACCESSION NR: APL047520

A/0041/64/026/005/0624/0630

AUTHOR: Norkovata, N. T. (Kiev)

TITLE: Singularities of scattering amplitude in the complex ζ plane

SOURCE: Ukrainskiy matematicheskiy zhurnal, v. 16, no. 5, 1964, 624-630

TOPIC TAGS: scatter, analyticity

ABSTRACT: Let $f(\cos \theta)$ be the amplitude of scatter through an angle θ . It is known that $f(z) = \sum_{n=0}^{\infty} a_n P_n(z)$, where P_n are Legendre polynomials, on the so-

called "small Leman ellipse." The author studies analyticity of $f(z)$ starting from Taylor series considerations of $F(\zeta) = \sum_{n=0}^{\infty} a_n \zeta^n$, utilising the known relation

to determine the singularities of F and f . He modifies two theorems of Cowling to yield a region of analyticity for F and thus for f , based on the behavior of the function $a(\zeta)$, $a(n) = a_n$. He considers the reverse problem of determining the

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ACCESSION NR: AP4047520

behavior of $a(\zeta)$ from knowledge of the region of analyticity of f , obtaining the following theorem: Suppose $f(z) = \sum_{n=0}^{\infty} a_n \cdot P_n(z)$ can be analytically extended at

the limits of an ellipse of convergence of a given expansion in Legendre polynomials to some region $G(\psi_1, \psi_2)$ bounded by the spirals

$$z = \cos \theta \cdot \cosh (\theta \operatorname{tg} \psi_1 + \ln r_0) + i \sin \theta \cdot \sinh (\theta \operatorname{tg} \psi_1 + \ln r_0), \quad (1)$$

$0 < \theta < \theta_0$,

and

$$z = \cos \theta \cdot \cosh ((\theta - 2\pi) \operatorname{tg} \psi_1 + \ln r_0) + i \sin \theta \cdot \sinh ((\theta - 2\pi) \operatorname{tg} \psi_1 + \ln r_0), \quad (2)$$

$\theta_0 < \theta < 2\pi$,

where

$$0 < \psi_1 < \frac{\pi}{2}, \quad -\frac{\pi}{2} < \psi_2 < 0, \quad r_0 = \frac{2\pi |\operatorname{tg} \psi_1|}{|\operatorname{tg} \psi_1 + \operatorname{tg} \psi_2|}. \quad (3)$$

Then there exists an interpolation function $a(\zeta)$, analytic in the angular region $D(\psi_1, \psi_2) \rightarrow \psi_1 < \arg \zeta < \psi_2$, where $0 < \psi_1 < \psi_1$, $0 > \psi_2 > \psi_2$, such that $a(n) = a_n$ and

$$\limsup_{R \rightarrow \infty} \left(\frac{\ln |a(R)|}{R} \right) \leq 0 \quad (4)$$

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ACCESSION NR: AP4047520

uniformly for $-\Psi_2 < \arg \zeta < \Psi_1$. "In conclusion the author expresses his gratitude to Professor V. K. Dzyaloshinskii for his valuable remarks concerning this work." (orig. art. has 11 formulas.)

ASSOCIATION: none

SUBMITTED: 28 Jun 63

ENCL: 00

SUB CCGEB: MA, CP NO RPT Sov: 002 OTHER: 005

Co-1 3/0

MORLOVETS, N.T. (Kiev)

Singularity of the scattering amplitude in a complex σ -plane.
(UDC 17:10)
Ukr. mat. zhur. 16 no.5:624-630 '64.

MORDOVETS, O.A. [Mordovets', O.A.], starshiy nauchnyy sotrudnik

Device for the placement of herbicides. Mekh. sil', hosp 14
no.3c25-26 Mr '63. (MIRA 17:1)

1. Genicheskaya issledovatel'skaya stantsiya.

TIMOFEEV, Vladimir Andreyevich, prof., doktor tekhn.nauk;
MORDOVIN, B.M., prof., retsenzent; RYABININ, I.A.,
dots., kand. tekhn. nauk, inzh.-kapitan III ranga,
retsenzent; GAKKEL', Ye.Ya., doktor tekhn. nauk, prof.,
retsenzent; ARANOVICH, B.I., dots., kand. tekhn. nauk,
retsenzent; GORBENKO, B.M., st. prepodavatel', retsenzent;
GEKTOR, D.S., retsenzent; VOL'PE, L., red.

[Fundamentals of the theory of automatic control] Osnovy
teorii avtomaticheskogo regulirovaniia; uchebnoe posobie.
Leningrad, Severo-Zapadnyi zaochnyi politekhnicheskii in-t.
No.2. 1962. 195 p. (MIRA 17:1)

1. Voyenno-morskaya akademiya korablestroyaniya i vooruzhe-
niyu imeni A.N.Krylova (for Mordovin, Ryabinin).

POSHERSTNIK, Moisey Iudovich, inzh.; SALYUTINA, Mariya Aleksayevna, inzh.;
MORDOYIN, B.M., prof., reseaerch; TURIBRIN, M.B., inzh., nauchnyy
red.; SHAURAK, Ye.H., red.; LEVOCHKINA, L.I., tekhn.red.

[Thermal calculation of ship cables] Teplovoi raschet sudovykh
kabeli. Leningrad, Gos.sciusnoe izd-vo sudostroit.promyshl.,
1959. 129 p. (MIRA 14:2)

(Electricity on ships) (Electric cables)

TIMOF'EYEV, Vladimir Andreyevich, doktor tekhn. nauk, prof.;
GORDOVICH, B.N., prof., retsenzient; AVERKIYEV, I.S.,
kand. tekhn. nauk, nauchn. red.

[One hundred network problems in automatic control; a collection of exercises and problems in reading, checking, and composing the networks of automated devices and systems] Sto skhemicheskikh zadach po avtomatike; sbornik uprazhnenii i zadach po chteniu, proverke i sostavleniju skhem avtomatizirovannykh ustroystv. Leninograd, Sudostroenie, 1964. 151 p. (MIRE 17:11)

HORNEVSKIY, Boris Ivanovich; TARATYNOV, Ivan Afanas'yevich
[deceased]; MORDOVIN, ~~B.M.~~, prof., retsenzent; PAIN, B.S.,
dots., retsenzent; MURATOV, I.I., kand. tekhn. nauk,
retsenzent; FRIK, A.O., inzh., red.; KAN, F.M., red.

[Electrical equipment of ship and shore stations and sub-
stations] Elektricheskoe oborudovanie beregovykh i suds-
vykh stantsii i podstantsii. Moskva, Transport, 1965. 334 p.
(MIRA 18:5)

MOROZOV, S. M., ed.

Printing machinery construction and calculations; textbook, Moscow,
Gos. nauchno-tehn. izd-vo leeskoi promyshl., 1949- (52-23361)

2249.K7

Mordovin, B.S.

MORDOVIN, B.S., prof.

Development of the manufacture of printing machinery. Vest.mash.
37 no.12:19-27 D '57. (MIRA 10:12)
(Printing machinery and supplies)

WORKSHEET, A. I.

2(5)

PLATE 1 BOOK INFORMATION

20772009

Report: "Prospects of oil-bearing geological structures in the
Bogotá Basin," by G. P. Domenico, R. P. Ellingsen,
and J. A. Eberle-Sinatra, 1976.

Prospectivity and potentialities of major geological structures
existing in the northern part of the Bogotá Basin, Colombia.
Oil and gas-bearing possibilities in the northern part of the
Bogotá Basin, Colombia. Exploration in the Northern
part of the Bogotá Basin, Colombia. Geology of the
Northern part of the Bogotá Basin, Colombia. Council of
the All-Union Petroleum Scientific Research Institute for
Oil Exploration Held at Kazan (December 1976). Moscow:
Gosgeotekhnika, 1978. 257 p. Extracts also inserted. 1,000 copies

Additional sponsoring Agency: CIA - Faisstive geological & economic
bulletin.

M. & A.I. Eberle-Sinatra, Candidate of Geological and Mineralogical Sci-
ences; Executive M. & P.N. Farhary; Tech. Ed.: R.A. Marzioni.
Editor: This book is intended for petroleum geologists.

CONTENTS: This collection of articles is the result of a field
work done in 1976 by members of the scientific committee for
oil and gas exploration. The work was attended by members of the geo-
logical services of the various petroleum research and industrial
institutions of Japan, Brazil, U.S., Peru, Harvey, etc. The
collection discusses the prospects and possibilities of oil and gas pro-
duction in the northern part of the Bogotá-Bolívar oil-bearing
district. It current problems in geological surveying and ex-
ploration, and plans for future drilling. All reports, presenta-
tions, conclusions, discussions, the resolutions and recommendations made
present in the collection, the chairman's concluding remarks, and
diagrams and tables. No references are given.

TABLE OF CONTENTS.

Oil and gas-bearing possibilities (cont.)

Ellingsen, R.P.; J.A. Eberle-Sinatra, and G.P. Domenico, Structure
of the Northern Regions of the Tafur-Quito District, 20

Domenico, G.P. Structure and Tectonics of Part of the Eastern
Tafur-Quito Area and the Eastern Regions of the Andes, 79

Eberle-Sinatra, Jr. 1. Major Stages in the Geological-Tectonic History
of the Northern and Eastern Parts of the Tafur-Quito Area in Re-
lation to Oil-bearing Possibilities, 93

Ellingsen, R.P. Geological Structure and Oil Possibilities in the
Northern Regions of the Tafur-Quito District, 119

Eberle-Sinatra, J. Prospects of Oil in the Northern Parts of the North-
ern Regions of the Tafur-Quito Area, 130

Marzioni, R. Seismic Stratigraphy of Geological Surveying and Es-
timation in the Tafur-Quito Area, 153

Card 9/7

AUTHORS: Mordovin, P. I., Shilov, S. V. SOV/72-58-9-15/20

TITLE: Milling Balls From "Uralit" Mass (Shary iz massy "Uralit")

PERIODICAL: Steklo i keramika, 1958, Nr 9, pp. 40 - 41 (USSR)

ABSTRACT: Conventional milling balls are usually made of pebble-flint or porcelain. As the production of pebble-flint is very low, balls are produced from flint slabs. Owing to the great wear of these balls undesired admixtures are introduced into the raw materials. In the Engel's plant some insulators are produced from "Uralit" mass with a Al_2O_3 content of at least 75,9%. The milling balls are produced from the same mass and have the following composition: 61,65% of technical alumina of the type G 0 or G1, 30,92% of grade 1 or 2 Biskul'skaya clay and 7,43% of dolomite. The alumina is used unburned. Furtheron the preparation of the batches and the production of the milling balls is described, which are baked at 1450° for 13,7 hours. Their percentual chemical composition is listed below: SiO_2 not exceeding 18%, TiO_2 not exceeding 0,6%, Fe_2O_3 not exceeding 0,8%,

Card 1/2

Milling Balls From "Uralit" Mass

SOV/72-58-9-15/2•

Al_2O_3 at least 75.9%, MgO at least 1.9%, CaO at least 3.5%, alkaliies at least 0.55%. The specific weight of Uralite balls is 3-3.2. These balls can also be used in the milling of glaze components. Data resulting from a comparison of working with pebble-flint and with Uralite in various works are given. It can be seen that the usage of Uralite balls results in an increase of the output of the ball mills by a factor of 1.4-2.6 as compared to operation with pebble-flint. The specific consumption of Uralite balls is reduced by a factor of 3-4. The production of Uralite balls is very simple and requires no special equipment. There is 1 table.

ASSOCIATION: Engel'skiy keramicheskiy zavod zav'd (Engel's Ceramics Works)

Card 2/2

MORDOVIN, S.M., klinicheskiy ordinator

Proctogram. Klin. prakt. no. 2:180-181 '60.
(PROCTOLOGY)

(MIRA 14:11)

AMINEV, A.M., prof., zasluzhennyy deyatel' natsii R.F.R; KERZHIN, S.P.,
mladshiy nauchnyy sotrudnik; PEREPELKIN, B.G.

Simple bloodless method for the treatment of tenoxic polyposis of
the large intestine. Klin. Khir. No.1:33-36 '65.

(MIRA 18:8)

1. Kafedra gospital'noy khirurgii (zav. - prof. A.M.Aminev)
Kuibyshevskogo meditsinskogo instituta.

MORDOVIN, S. P.

PA 19T45

USSR/Frequency Measurements Feb/Mar 1946
Radio frequencies - Measurements

"Measurement of Frequency and Amplitude Characteristics in Broadcasting Channels," S. P. Mordovin,
1 p

"Vestnik Svyazi - Elektro Svyaz" No 2/3 (71-72)

Article discusses the possibility of measuring frequency and amplitude of two-way traffic even if measuring apparatus is set up only at the receiving point or the transmitting point. Apparatus necessary for this is the NCh type nepermeter (or level indicators).

19T45

AUTHORS: Mordovina, A.N., Candidate of Technical Sciences; ^{SOV/97-59-1-11/18}
Godunov, B.I., Engineer, and Sitnin, O.V., Engineer.

TITLE: Precast Reinforced Concrete Used for Floors in the Under-Water Parts of Hydroelectric Power Stations (Sbornyy zhelezobeton v perekrytiyakh podvodnoy chasti gidroelektrostantsiy)

PERIODICAL: Beton i Zhelezobeton, 1959, Nr 1, pp 36-39 (USSR)

ABSTRACT: Prestressed reinforced concrete load-carrying floor beams were used for the construction of the Volga Hydroelectric Power Station (see B.V. Yakubovskiy's articles in Beton i Zhelezobeton, 1956, Nr 6 and 1957, Nr 12). The advantage of this construction is that no timber shuttering is required. The Gidroproyekt in the construction of Stalingrad Hydroelectric Power Station designed and used with advantage pre-cast-monolithic floors together with load-carrying reinforced concrete units. Cross-sections of these load-carrying beams are shown in Figs.1, 2 and 3. The beams are positioned Card 1/3 4 - 6 cm apart to allow for subsequent concreting of joints.

SOW/97-59-1-11/18

Precast Reinforced Concrete Used for Floors in the Under-Water Parts of
Hydroelectric Power Stations

Precast floor slabs, used for aqueducts and suction pipes, are cast in metal formwork and cured in curing chambers. The units of the spiral chamber are cast on the concreting yard. Concrete Mark 250, and reinforcement of steel Marks St.5 and St.3 were used. The precast reinforced concrete beams are of inverted "T" cross-section. Their height differs according to span as follows: 11-12 m span, 50-60 cm high: 9-10 m, 45-50 cm: 8-7 m, 35-45 cm: 7-6 m, 30-40 cm. Fig.2 shows the floor construction of the spiral chamber and Fig.3 the construction of the floor of aqueducts of the Stalingrad Hydroelectric Power Station. Experience has shown that in the case of spans bigger than 7 m the floor units should be doubly reinforced. Fig.4 illustrates assembly of the floor of the spiral chamber of the Stalingrad Hydroelectric Power Station. The load-carrying units were calculated for a superimposed load of 1.1-1.2 m thick concrete topping. The cracks of the load-carrying elements are between 0.1 and 0.2 mm wide. The magnitude of deflection, in the case of construction spanning

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SOV/97-59-1-11/18

Precast Reinforced Concrete Used for Floors in the Under-Water Parts of
Hydroelectric Power Stations

10.7 m with 1-1.2 m thick concrete topping, was 2.5 cu..
There are 4 figures.

Card 3/3

BARYSHEV, P.A.; MORDOVINA, A.V.; AVHUTSEVICH, G.P.

Glossing materials and concentrated primers for leather finishing.
Koch.-chuv. prom. 2 no. 11:37-38 X '60. (MIRA 13:12)
(Leather) (Finishes and finishing)

WINA, G.I.

and the present research is to determine the effect of different breads on the blood glucose levels of diabetics.

APPROVED FOR RELEASE: 03/13/2001

CIA-RDP86-00513R001135120014-3"

MORDOVINA, O.I., nauchnyy sotrudnik

Location of various types of stockbreeding in the Volga Valley.
Zhivotnovodstvo 20 no. 10:19-27 0 '58. (MERA 11:10)

1. Povolzhskiy filial Vsesoyuznogo instituta ekonomiki sel'skogo
khozyaystva.
(Volga Valley--Stock and stockbreeding)

VASIL'YEV, R.D.; DOROVSEYEV, G.A.; MORDOVSKAYA, G.S.; PETROV, V.I.;
FIDENOV, M.I.

Study of a thermal neutron source.. Atom. energ. 15 no.3c
200-204 S '63. (MIRA 16:10)

(Neutron sources)

MERLOVSKAYA, N.M.

Compound therapy of diabetes mellitus with sulfonamides and insulin.
Probl. endok. i gorm. 10 no.5:3-7 S-0 '64.

(MIRA 18:6)

1. Endokrinologicheskoye ob'yedineniye bol'nitsy No.2 (glavnyy vrach
A.I. Ivanova), Novosibirsk; nauchnyy konsul'tant - deystvitel'nyy
chlen AMN SSSR V.G. Baranov.

SHTEYMAN, Ye.A.; DOBRYNINA, Z.G.; MORDOVSKAYA, Ye.A.

Complexometric determinatio. of bismuth and lead in the presence
of tin. Zav. lab. 30 nr.10:1200-1201 '64. KTPA 1314

KUZYUKOV, Fedor Fedorovich, Geroy Sotsialisticheskogo Truda;
CHEREPANOV, Vasiliy Nikolayevich, dots., kand. ekon.
nauk; MORDOVSKIKH, V.P., red.

[The role of industry in the Urals in creating the
material and technical basis of communism] Mol' industrii
Urala v sozdanii material'no-tehnicheskoi bazy kommunizma.
Cheliabinsk, IZhno-Ural'skoe knizhnoe izd-vo, 1964. 217 p.
(MIRA 18:6)

1. Chelyabinskij promyshlennyj oblastnoj komitet KPSS (for
Kuzyukov). 2. Chelyabinskij institut mekhanizatsii i elektri-
fikatsii sei'skogo khozyaystva (for Cherepanov).

MORDOVSKII A. Inzh.

Improve the milling technology at rural flour mills. Muk.-elav.
prom. 25 no.6:22-23 Je '59. (MIRA 12:9)

1. Otdel mukomol'noy promyshlennosti Saratovskogo upravleniya
Promprodtovarov.
(Flour mills)

UZHANSKII, Ya.G.; PAVLOVA, I.V.; Prinimali uchastiyet MORDOVSKIY, G.G.;
KIPRIANOVA, N.I., studentka (Sverdlovsk)

Signs of autoaggression in the mechanism of blood regeneration.
Pat.fiziol.i eksp.terap. 4 no.4:52-57 Jl-Ag '60. (MIRA 14:5)

1. Iz kafedry patofiziologii (zav. - prof. Ya.G.Uzhanskiy)
Sverdlovskogo meditsinskogo instituta.
(HEMORRHAGE) (ERYTHROCYTES) (ANTIGENS AND ANTIBODIES)

DROZDOV, D.I., polkovnik meditsinskoy sluzhby, kandidat meditsinskikh nauk;
MEDOVSKIY, K.P., major meditsinskoy sluzhby, kandidat meditsinskikh
nauk

Penicillin therapy for open infected fractures of the long bones.
Voen.-med. zhur. no.3:83 Kr '56. (MIA 9:9)
(PENICILLIN) (FRACTURES)

DRODOV, D.I., polkovnik meditsinskoy sluzhby, kandidat meditsinskikh nauk;
MORDOVSKIY, K.P., major meditsinskoy sluzhby, kandidat meditsinskikh
nauk

Air embolism in wounds of the liver. Voen.-med. zhur. no.3:83-84
Kz '56. (MLEA 9:9)
(EMBOLISM) (LIVER--WOUNDS AND INJURIES)

KORDOVSKIY, K.P., mayor meditsinskoy sluzhby, kandidat meditsinskikh nauk

Role of penicillin in the treatment of wounds. Tsoi.-med. zhur. no.7:
86 Jl '56.
(Penicillin) (WOUNDS--TREATMENT)
(KLRA 9:11)

USSR / General Problems of Pathology. Shock

U-4

Abs Jour : Ref Zhur - Biol., No. 10, 1958, No 46756

Author : Moriovskiy, K. P.

Inst : Not given

Title : The Role of Penicillin in Shock.

Orig Pub : Khirurgiya, 1957, No. 7, 124-125.

Abstract : Ten to fifteen thousand units of penicillin (I) were intravenously injected to guinea pigs and rabbits 30-40 minutes after the appearance of shock which was caused by skin burns and by a closed fracture of the tibia bone. (I) was administered every 3 hours for a period of 3 days. The shock caused the death of 35 out of 40 guinea pigs and of 12 out of 15 rabbits within the first 1-2 days (4 out of 40 guinea pigs and 10 out of 15 rabbits died in the control group of animals). When (I) was administered, however, and the treatment was begun

Card 1/2

MORDOVSKII, K.P. (Moskva)

Homo- and heterotransplantation of preserved skin in rabbits subjected to thermal burns and ionizing radiation. Msp. zhir. 3 no. 6(60) E-B '58.

(BURNS AND SCALDS)

(MIRA 12:1)

(X RAY--PHYSIOLOGICAL EFFECT)

(SKIN GRAFTING)

KORDOVSKIY, K.P.

Some experimental data on free homo- and heterotransplantation of
preserved skin. Eksper. khir. 5 no. 3:64 My-Je '60. (MIRA 14:1)
(SKIN GRAFTING)

KORDOVSKIY, K.P., kand.med.nauk

Role of penicillin in the prevention and treatment of pneumonias in
combined injuries. Voen.-med. zhur. no.6175-76 Je '61. (MIPA 14:8)
(WOUNDS AND INJURIES) (PNEUMONIA)
(PENICILLIN)

ISAKOVSKIY, K.P.

Electrocardiographic changes in intravascular injection of penicillin. Eksp. khir. i anest. № 3:36-37. Kyjev. (УДК 616.15:3)

I. Eksperimental'noye otdeleniye Instituta serdachno-sogudistoy khirurgii (dir. - prof. D.A. Kalashnikov; nauchnyy rukovoditel' - akademik A.N. Bulylev) AMN Ukr., Kiev.

unpublished, n. d. (1957)

Dissertation: "The Measurement of Wall Oil Consumption with Capillary Tubes, Used as Thermometers by the Method of Varying Pressure Area." Land Technol., Moscow Institute of Technical Machine Building, Zvol 5.. (Voprosy nauch., Moscow, 1957).

S. I. G. (S. I. G.), 1957 (1957).

S/196/61/000/010/027/037
E194/E155

AUTHORS: Rozanov, G.A., Danilin, A.A., and Mordovskiy, S.I.

TITLE: An automatic control system for a separation process

PERIODICAL: Referativnyy zhurnal. Elektrotehnika i energetika,
no. 10, 1961, 23, abstract 1OK 132. (Vestn. tekhn. i
ekon. inform. N.-i. in-t tekhn.-ekon. issled. Gos.
kom-ta Sov. Min. SSSR po khimii, no. 10, 1960, 50-53)

TEXT: The article describes an automatic control system for
a separation process which takes load off the separator when the
degree of clarification deviates from the permitted limits.
The suspension to be treated is delivered to the separator
through an inlet valve. The clarified liquid then passes through
an indicator of cloudiness which determines the degree of
purification in accordance with preset limits. When the quality
of purification falls off, an amplified signal is applied to a
relay circuit which excites an amplitidyne. The latter applies a
voltage to close a motorised input valve. When it is fully
closed, the amplitidyne field cuts off, the motor stops and a signal
connects the appropriate electro-pneumatic instrument which

Card 1'2

An automatic control system for ... S/196/61/000/010/027/037
 E194/E155

commences the cycle of unloading the separator. Simultaneously,
the instrument sends a signal to lock the relay circuit and to
disconnect the amplifier train from the cloudiness indicator so
as to avoid false operation of the automatic control system after
unloading is completed.

[Abstractor's note: Complete translation.]

Card 2/2

KRYUCHKOV, A.D.; MORDOVSKIY, S.I., kand. tekhn. nauk, retsenzent;
SAVUYLOV, V.A., inzh., red.; YURKEVICH, M.P., inzh., red.
Ind-va; SHCHETININA, L.V., tekhn. red.

[Automatic control of piston compressors] Avtomatizatsiya
porshnevых коррессоров. Moscow, Mashgiz, 1963. 278 p.
(MIRA 16:12)

(Air compressors) (Automatic control)

BORISOGLEBSKIY, B.N., kand. tekhn. nauk, red.; VINOGRADOV, Yu.M.,
kand. tekhn. nauk, red.; GALITSKIY, S.A., red.;
GORYAINOVA, A.V., kand. tekhn. nauk, red.; ZHELEZOV,
A.N., red.; KORETSKIY, I.M., red.; MAKAROVA, N.S., red.;
MORDOVSKIY, S.I., kand. tekhn. nauk; SALAMATOV, I.I.,
doktor tekhn. nauk; SHVARTS, G.L., kand. tekhn. nauk,
red.; YUKALOV, I.N., kand. tekhn. nauk, red.; YUGOVA, G.M.,
kand. tekhn. nauk, red.; VASIL'YEVA, G.N., red.

[Manufacture of filters in the U.S.S.R.; collection of
reports at the united session of the scientific and tech-
nical councils of the All-Union Scientific Research In-
stitute of Chemical Machinery, the Ukrainian Scientific
Research Institute of Chemical Machinery and the technical
council of the Ural Chemical Machinery Plant] Fil'trostroenie
v SSSR; sbornik dokladov na ob"edinennoi sessii nauchno-
tekhnicheskikh sovetov Naukikhimasha, Ukrnaukikhimasha i tekhn-
icheskogo soveta zavoda "Uralkhimash." Moskva, Otdel
nauchno-tekhn. informatsii, 1963. 107 p. (MIRA 17:12)

1. Nauchno-issledovatel'skiy institut khimicheskogo mashino-
stroyeniya (for Borisoglebskiy, Mordovskiy).

BONDAREV, Ivan Markovich; MORDOVSKIKH, V.P., red.

[For workers' benefit] Dlia blaga trudiashchikhsia.
Cheliabinsk: Cheliabinskoe knizhnoe izd-vo, 1963. 58 p.
(MIRA 17:7)

1. Prepodavatel' kafedry istorii Kommunisticheskoy Partii
Sovetskogo Soyuza Chelyabinskogo politekhnicheskogo instituta
(for Bondarev).

KROVSKY, V. T. and VARENTSOV, N. I.

"Possible Conditions of Accumulation of Organic Matter for Oil Formation," Iz. Ak. Nauk SSSR, Ser. Geol., No.6, pp 136-139, 1950

Translation W-19516, 11 Ser 51

KOZDOVSKII, V.P.

Determining oversteepening of layers in conglomerate formations.
Bull. MOIP. Otd. geol. 26 no. 3; 82-84 '51. (MIRA 11:5)
(Geology, Structural)

1. MORDOVSKIY, V. T.
2. USSR (600)
4. Siberian Platform - Geology, Structural
7. Tectonic structure of the southern part of the Siberian platform, Dokl. AN SSSR, 86, No. 5, 1952.
9. Monthly List of Russian Accessions, Library of Congress, February 1953. Unclassified.

1. MORGOVSKII, V. T. ZALESSKAYA-CHIRKOVA, YE. F
2. USSR (600)
4. Kansk-Taseevvo Depression-Geology, Stratigraphic
7. Presence of Middle Devonian and Lower Permian deposits in the Kansk-Taseevvo depressions (Eastern Siberia)/ DOKL. AN SSSR no 9D '52.
9. Monthly List of Russian Accessions, Library of Congress, March 1953. Unclassified.

MORDOVSKIY, V.T.; KRAVCHENKO, Ye.V.; FEDOROV, S.P.

[Geological structure of the southern part of the Siberian Platform]
Geologicheskoe stroenie iushnoi chasti sibirskoj platformy. Moskva,
Izd-vo Akademii nauk SSSR, 1953. 102 p.
(MLRA 6:12)
(Siberian platform--Geology) (Geology--Siberian platform)

VARENTSOV, M.I.; MORDOVSKIY, V.T.; TRODOROVICH, G.I., otvetstvennyy
redaktor; SHAPovalova, G.A., redaktor; ASTAF'YEVA, G.I., tekhniches-
kiy redaktor

[Geological structure of the northern edge of the Gori-Mukhran
depression] Geologicheskoe stroenie severnogo borta Gori Mukhranskoy
depressii. Moskva, Izd-vo Akad. nauk SSSR, 1954. 84 p. (KIRA 8:3)
(Georgia--Geology, Structural)

MOKHOVSKIY, V.T.; DITMAR, V.I.

Stratigraphy of Devonian deposits of the Rybinsk depression
(eastern Siberia). Dokl. AN SSSR 95 no. 5:1055-1058 Ap '54. (MLRA 7:4)

Predstavleno akademikom S.I.Mironovym.
(Siberia--Geology, Stratigraphic) (Geology, Stratigraphic-
Siberia)

MORDOVSKIY, V. I.

14-57-7-14475

Translation from: Referativnyy zhurnal, Geografiya, 1957, Nr 7,
p 34 (USSR)

AUTHORS: Ditmar, V. I., Mordovskiy, V. T.

TITLE: Geological History and Tectonic Regions in the Rybinsk
Depression (Istoriya geologicheskogo razvitiya i
tektonicheskoye rayonirovaniye Rybinskoy vpadiny)

PERIODICAL: Tr. In-ta nefti AN SSSR, 1956, Vol 7, pp 3-23

ABSTRACT: The Rybinskaya depression lies at the end of Eastern Sayan
and the Yenisey ridge and forms a part of the Central Si-
berian plain. It is filled with Devonian, Lower
Permian and Jurassic deposits. The oldest uplifting
of the basement formations in the depression belongs
to the Quaternary period. This is proven by the
presence of numerous terraces of this age in the basins
of the principal rivers of the region, the Kan, Kungus,
Igil', Rybnaya, etc. Positive movements are continuing

Card 1/2

even today. This can be deduced from the absence of alluvial
deposits in the beds of several rivers in which Mesozoic and
Paleozoic bedrock is now being eroded. A bibliography of 19 titles
is included.

Card 2/2

14-57-7-14475

G. K.

KORDOVSKII, V.F.

Stratigraphy of ancient sedimentary deposits in regions of the
central Uda Valley in the Sayan piedmont. Trudy Inst. nefti 7:30-
50 '56. (MIRA 10:1)

(Uda Valley--Geology, Stratigraphic)
(Rocks, Sedimentary)

MORDOVSKIY, V.T.; KURENKOVA, N.T.

Correlation between the roof relief of a sialiferous stratum and the
tectonics of its bed in the central part of Lena-Angara syncline. Dokl.
AN SSSR 110 no.4:638-641 O '56. (MLRA 10:1)

1. Predstavleno akademikom S.I. Mironovym.
(Lena Valley--Geology, Structural) (Angara Valley--Geology, Structural)

MORDOVSKIY, V.T.

Some new data concerning the tectonics of the Irkutsk amphitheater. Dokl. AN SSSR 112 no.5:930-933 F '57. (MERA 10:4)

1. Institut nefti Akademii nauk SSSR. Predstavleno akademikom
S.I. Mironovym.
(Irkutsk Province--Geology, Structural)

BARKHATOV, G.V.; VASIL'YEV, V.G.; GRISHIN, G.L.; KARASEV, I.P.; KISELEV,
S.I.; KRAVCHENKO, Yu.V.; MORDOVSKII, V.T.; TIKHOMIROV, Yu.P.;
CHEPIKOV, K.R.; YUNGANS, S.M., vod.red.; YEDOTOVA, I.G., tekhn.red.

[Oil and gas in the eastern Siberian Platform] Neftegazonoknost'
Vostochno-Sibirskoi platvory. Pod red. E.R. Chepikova. Moskva,
Gos.nauchno-tekhn.izd-vo neft. i gorno-toplivnoi lit-ry, 1958.
130 p.
(KIBA 12:1)

1. Chlen-korrespondent AN SSSR (for Chepikov).
(Siberian Platform--Gas, Natural)
(Siberian Platform--Petroleum)

SOV-26-58-3-19/51

AUTHOR: Mordovskiy, V.T., Candidate of Geologo-Mineralogical Sciences
TITLE: Does an "Ancient Shield of Asia" Exist (Sushchestvuyet li
"drevneye temya Azii")
PERIODICAL: Priroda, 1958, Nr 3, pp 82-85 (USSR)

ABSTRACT: Various slightly modified conceptions on an ancient shield of Asia located in the south part of the Central Siberian table land held by such former eminent naturalists and travellers as P.A. Kropotkin, I.D. Cherskiy and V.A. Obruchev, A.A. Borisjak and M.M. Tetyayev have been disproved by more recent research results. The idea was revised by A.N. Churakov, N.S. Shatskiy and A.D. Arkhangel'skiy and finally based on new geological data by A.A. Predtechenskiy. New light on the problem was cast by the publication in 1953 of the tectonic map of the USSR, scale 1:4,000,000, under the direction of N.S. Shatskiy and its improved, scale 1:5,000,000 in 1957. New aspects of the geological structure and development of Eastern Siberia became visible. Stratification in the West Baikal region was studied by E.V. Pavlovskiy, in the Sayan region by V.T. Mordovskiy and S.V. Obruchev. The Siberian

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Does an "Ancient Shield of Asia" Exist ?

SOV-26-58-3-19/51

high land together with the Anabarskiy mountain range and the Aldanskiy shield is one of the ancient parts of North Asia. There are 2 charts, 1 photo and 6 references, 4 of which are Soviet and 2 Austrian.

ASSOCIATION: Institut nefti AN SSSR-Moskva (Petroleum Institute of the AS USSR - Moscow)

1. Geology--Asia

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MORDOVSKIY, V.F.

Stratigraphy of upper Cambrian sediments in the southern part
of the Siberian Platform. Trudy Inst.nefti 9:81-100 '58.
(MERA 12:4)
(Siberian Platform—Geology, Stratigraphic)

~~KORDOVSKIY, Viktor Trofimovich; VARENTSOV, M.I., otv.red.; SHAPOVALOVA,
G.A., red.tra... MARKOVICH, S.G., tekhn.red.~~

[Tectonics, and oil and gas potentials of the southern part of
the Siberian Platform] Tektonika i neftegazonosnost' juzhnoi
chasti Sibirs'koi platformy. Moskva, Izd-vo Akad.nauk SSSR,
1959. 118 p.

(MIRA 12:12)

1. Chlen-korrespondent AN SSSR (for Varentsov).
(Siberian Platform--Petroleum geology)
(Siberian Platform--Gas, Natural--Geology)